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STANDARD DHIA

OWNER SAMPLER

WEIGH-A-DAY-A-MONTH

AGRICULTURAL RESEARCH SERVICE, U. S. DEPARTMENT OF AGRICULTURE

Dairy-Herd-Improvement Letter

ARS-44-137
(Vol. 40, No. 1)

January-February 1964

1,320,423 LACTATION RECORDS REPORTED IN 1963

The number of lactation records reported to the USDA for sire evaluation and research reached an alltime high of 1,320,423 in 1963, 109,016 more than in 1962. Of these, 53.1 percent were reported via magnetic tapes, 36.4 percent as punched 1095 cards, and 10.5 percent as hand-recorded 718 cards. Further breakdown of records reported by States is shown on page 3.

Both the number of lactation records reported and the percentages of cows represented have increased steadily through the years. Since 1950, the number of cows enrolled in DHIA and DHIR have increased approximately 100 percent, while the number of lactation records reported to the USDA have increased 180 percent. Consequently, the percentage of cows on test having reported records has increased from 43 percent in 1950 to 66 percent in 1963. This more complete reporting of records is largely attributed to the rapid development of central processing of DHIA records since the mid 1950's, and results in a more complete and accurate sire evaluation program. A summary of lactation records reported since 1950 is shown on page 2.

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MAY 26 1964

CURRENT SERIAL RECORDS

Issued March 1964

<u>Year</u>	<u>Cows enrolled</u> (Number)	<u>Records reported</u> (Number)	<u>Cows represented</u> (%)
1950	1,088,872	471,721	43
1955	1,333,866	636,293	48
1960	1,746,752	886,495	51
1962	1,958,355	1,211,407	62
1963	2,006,534	1,320,423	66

CONTINUED DECREASE IN NUMBER OF 718 CARDS REPORTED

A direct result of central processing of DHIA in State and regional centers has been the continuing decrease in the need for reporting of hand-recorded 718 cards. In 1961, 21.5 percent (233,468) of the records were reported as 718 cards. The corresponding values were 14.5 percent (175,404) in 1962 and 10.5 percent (138,441) in 1963.

PRODUCTION RECORDS REPORTED TO THE USDA BY THE STATE EXTENSION SERVICE DURING 1963

State	1963								1962			
	DHIA Cows on test 1-1-63	Production Records Reported			Total DHIA Records Reported	Herd Test Records Reported		All Records Reported	Production Records Reported			
		718	1095	Magnetic Tape		Guernsey / Jersey			No.	% 1/	No.	% 1/
						No.	No.					
Ala-----	21,916	169	19,420	-	19,589	6	4	19,599	89.4	13,889	65.9	
Alaska-----	430	19	71	-	90	-	-	90	20.9	58	17.1	
Arizona-----	20,860	96	3,471	-	3,567	92	26	3,685	17.7	4,756	22.4	
Ark-----	3,583	-	-	3,169	3,169	117	150	3,436	95.9	3,543	95.4	
Calif-----	330,389	4,137	987	-	5,124	928	609	6,661	2.0	7,081	2.1	
Colo-----	11,976	-	5,444	-	5,444	34	16	5,494	45.9	5,408	31.9	
Conn-----	23,396	643	-	15,002	15,645	309	-	15,954	68.2	22,536	91.2	
Del-----	4,372	-	-	5,232	5,232	113	-	5,345	122.3	4,901	141.0	
Fla-----	19,207	1,681	6,681	-	8,362	156	-	8,518	44.3	8,322	39.2	
Ga-----	25,460	1,484	14,406	-	15,890	43	157	16,090	63.2	12,425	47.9	
Hawaii-----	1,240	14	-	-	14	-	-	14	1.1	45	52.9	
Idaho-----	26,180	3,994	2,563	-	6,557	114	16	6,687	25.5	7,046	26.0	
Ill-----	62,428	8,552	39,933	-	48,485	396	189	49,070	78.6	41,155	68.0	
Ind-----	38,210	-	27,737	-	27,737	232	244	28,213	73.8	33,822	93.2	
Iowa-----	57,973	1,791	-	46,693	48,484	51	121	48,656	83.9	61,156	105.9	
Kansas-----	29,175	3,454	-	19,679	23,133	113	87	23,333	80.0	25,502	80.3	
Ky-----	21,000	3,225	9,881	-	13,106	25	358	13,489	64.2	13,181	62.2	
La-----	5,214	376	2,594	-	2,970	342	138	3,450	66.2	1,860	41.8	
Maine-----	21,610	3,468	-	18,809	22,277	15	18	22,310	103.2	19,278	86.6	
Md-----	48,234	6,725	-	34,057	40,782	213	171	41,166	85.3	30,661	65.3	
Mass-----	23,134	1,302	-	23,094	24,396	166	384	24,946	107.8	25,078	111.4	
Mich-----	78,800	-	41,867	-	41,867	104	330	42,301	53.7	77,137	105.5	
Minn-----	125,156	23,959	949	51,432	76,340	126	148	76,614	61.2	76,881	61.6	
Miss-----	10,266	1,065	5,179	-	6,244	174	127	6,545	63.8	3,714	37.5	
Mo-----	27,228	6,182	-	3,501	9,683	250	191	10,124	37.2	11,019	40.9	
Mont-----	4,055	688	416	-	1,104	42	6	1,152	28.4	1,888	46.1	
Nebr-----	13,750	411	27	8,925	9,363	217	25	9,605	69.9	9,947	78.3	
Nev-----	4,042	-	1,767	-	1,767	-	3	1,770	43.8	1,198	31.4	
N. H-----	11,101	271	-	14,558	14,829	57	23	14,909	134.3	11,923	91.2	
N. J-----	29,474	6,093	-	12,021	18,114	709	287	19,110	64.8	17,685	58.4	
N. Mex-----	4,383	24	1,022	-	1,046	90	127	1,263	28.8	1,416	29.2	
N. Y-----	170,000	-	-	197,650	197,650	265	379	198,294	116.6	176,977	108.1	
N. C-----	42,845	-	42,905	-	42,905	325	50	43,280	101.0	32,328	85.9	
N. Dak-----	6,014	444	-	5,031	5,475	-	-	5,475	91.0	6,658	112.9	
Ohio-----	80,446	7,122	34,202	-	41,324	1,724	1,690	44,738	55.6	42,862	56.5	
Okla-----	9,255	61	-	6,398	6,459	15	195	6,669	72.1	6,935	79.0	
Oreg-----	28,100	8,456	8,601	-	17,057	498	578	18,133	64.5	18,517	67.3	
Pa-----	172,447	-	-	149,662	149,662	1,005	112	150,779	87.4	118,876	72.7	
P. R-----	5,227	-	2,460	-	2,460	-	-	2,460	47.1	780	15.7	
R. I-----	2,449	325	-	6,564	6,889	17	115	7,021	286.7	2,219	85.8	
S. C-----	19,553	-	19,071	-	19,071	344	-	19,415	99.3	14,145	85.2	
S. Dak-----	7,754	469	-	3,311	3,780	-	-	3,780	48.7	2,851	39.4	
Tenn-----	24,369	389	10,664	-	11,053	529	311	11,893	48.8	7,275	31.8	
Tex-----	27,995	1,070	17,474	-	18,544	191	728	19,463	69.5	16,211	56.9	
Utah-----	18,447	-	16,045	-	16,045	-	-	16,045	87.0	17,881	100.1	
Vt-----	49,689	7,086	-	26,872	33,958	35	439	34,432	69.3	35,673	73.2	
Va-----	65,335	16,439	43,223	-	59,662	213	51	59,926	91.7	37,878	61.9	
Wash-----	49,534	15,022	10,008	-	25,030	779	349	26,158	52.8	21,433	47.5	
W. Va-----	7,210	1,735	-	3,614	5,349	-	35	5,384	74.7	5,845	89.3	
Wis-----	114,405	-	71,137	45,702	116,839	116	111	117,066	102.3	91,074	83.3	
Wyo-----	1,218	-	388	-	388	25	-	413	33.9	478	35.6	
U. S-----	2,006,534	138,441	460,593	700,976	1,300,010	11,315	9,098	1,320,423	65.8	1,211,407	61.9	

1/ Values may vary considerably by State and exceed 100% depending largely upon ADPM and related record reporting and processing procedures in December and January of each year.

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